

PROJECT NAME: Utah State University Functional Genomics

RECIPIENT: Utah State University

LOCATION: Logan, Utah

PURPOSE: Funds for this project will be used for the Center for Integrated BioSystems (CIB) at Utah State University is developing and applying biotechnology tools for investigation of genetic diversity in animals and microbes. Results obtained within this project will have applications to a broad range of issues, such as food safety, resistance to, and increased detection of infectious diseases, identification of genes controlling inherited disorders, improved production of important species and provide important genomic models for human diseases.

In addition, to the identification, characterization and manipulation of genes responsible for improved production and health, the project also includes the propagation of animals with desirable traits through embryo cloning of farm animals.

AMOUNT: \$1,700,000